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1 A numerical study of scaling issues for Schottky-barrier carbon nanotube transistors

Jing Guo; Datta, S.; Lundstrom, M.;

Electron Devices, IEEE Transactions on , Volume: 51 , Issue: 2 , Feb. 2004

Pages: 172 - 177

[PDF Full-Text (296 KB)] [Abstract]

2 Pushing to the performance limit of carbon nanotube electronics

Hongjie Dai;

Device Research Conference, 2003, 23-25 June 2003

Pages:165

[PDF Full-Text (209 KB)] **IEEE CNF** [Abstract]

3 Electrostatics of coaxial Schottky-barrier nanotube field-effect transistors

John, D.L.; Castro, L.C.; Clifford, J.; Pulfrey, D.L.;

Nanotechnology, IEEE Transactions on , Volume: 2 , Issue: 3 , Sept. 2003

Pages:175 - 180

[PDF Full-Text (419 KB)] [Abstract]

4 Electronic transport in carbon nanotube field-effect transistors

Appenzeller, J.;

Semiconductor Device Research Symposium, 2003 International, 10-12 Dec. 2003

Pages:410 - 411

[Abstract] [PDF Full-Text (189 KB)] **IEEE CNF**

5 High-frequency response in carbon nanotube field-effect transistors

Frank, D.J.; Appenzeller, J.;

Electron Device Letters, IEEE, Volume: 25, Issue: 1, Jan. 2004

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Pages: 34 - 36

[Abstract] [PDF Full-Text (240 KB)] IEEE JNL

6 Short-channel like effects in Schottky barrier carbon nanotube fieldeffect transistors

Appenzeller, J.; Knoch, J.; Martel, R.; Derycke, V.; Wind, S.; Avouris, P.; Electron Devices Meeting, 2002. IEDM '02. Digest. International, 8-11 Dec. 2002 Pages: 285 - 288

[Abstract] [PDF Full-Text (326 KB)] IEEE CNF

7 Carbon nanotube field-effect transistors and logic circuits

Martel, R.; Derycke, V.; Appenzeller, J.; Wind, S.; Avouris, P.; Design Automation Conference, 2002. Proceedings. 39th, 10-14 June 2002 Pages:94 - 98

[Abstract] [PDF Full-Text (552 KB)] IEEE CNF

8 Nanotechnology and super high-density three-dimensional nanoelectronics and nanoICs

Lyshevski, S.E.;

Nanotechnology, 2003. IEEE-NANO 2003. 2003 Third IEEE Conference

on , Volume: 2 , 12-14 Aug. 2003

Pages:655 - 658 vol. 2

[Abstract] [PDF Full-Text (448 KB)] IEEE CNF

9 Analysis of carbon nanotube intramolecular p-n tunnel junction transistors

Richardson, W.H.;

Nanotechnology, 2003. IEEE-NANO 2003. 2003 Third IEEE Conference

on , Volume: 2 , 12-14 Aug. 2003

Pages:753 - 755 vol. 2

[Abstract] [PDF Full-Text (281 KB)] IEEE CNF

10 Field-effect and single-electron transistors based on single-walled carbon nanotubes catalyzed by Al/Ni thin films

Amlani, I.; Zhang, R.; Tresek, J.; Tsui, R.K.;

Nanotechnology, IEEE Transactions on , Volume: 3 , Issue: 1 , March 2004

Pages: 202 - 209

[Abstract] [PDF Full-Text (592 KB)] IEEE JNL

11 A novel short-gate carbon nanotube thin film transistors

Jeng-Hua Wei; Hung-Hsiang Wang; Hsin-Hui Chen; Ming-Jiunn Lai; Ming-Jer Kao; Ming-Jinn Tsai;

VLSI Technology, Systems, and Applications, 2003 International Symposium on , 6-8 Oct. 2003

Pages:42 - 45

[Abstract] [PDF Full-Text (293 KB)] IEEE CNI

12 Carbon nanotube field-effect transistors-an example of an ultra-thin body Schottky barrier device

Appenzeller, J.; Knoch, J.; Avouris, P.;

Device Research Conference, 2003, 23-25 June 2003

Pages:167 - 170

[Abstract] [PDF Full-Text (483 KB)] IEEE CNF

13 Advancements in complementary carbon nanotube field-effect transistors

Javey, A.; Qian Wang; Woong Kim; Hongjie Dai;

Electron Devices Meeting, 2003. IEDM '03 Technical Digest. IEEE International, 8-10 Dec. 2003

Pages:31.2.1 - 31.2.4

[Abstract] [PDF Full-Text (351 KB)] IEEE CNF

14 Theory and design of field-effect carbon nanotube transistors

Pennington, G.; Goldsman, N.;

Simulation of Semiconductor Processes and Devices, 2003. SISPAD 2003.

International Conference on , 3-5 Sept. 2003

Pages: 167 - 170

[Abstract] [PDF Full-Text (282 KB)] IEEE CNF

15 Self-assembled single wall carbon nanotube field effect transistors

Marty, L.; Naud, C.; Chaumont, M.; Bonnot, A.M.; Fournier, T.; Bouchiat, V.; Nanotechnology, 2003. IEEE-NANO 2003. 2003 Third IEEE Conference

on , Volume: 1 , 12-14 Aug. 2003

Pages: 240 - 243 vol. 2

[Abstract] [PDF Full-Text (644 KB)] IEEE CNF

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